



CALL FOR CONFERENCE PROPOSALS

Revised March 24, 2020

Conference Proposal Submission Deadlines:

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| • Abstract Proposal Submission Open | February 3, 2020 |
| • Abstract Proposal Submission Closed | May 4, 2020 |
| • Presenters Informed of Proposal Decision | June 22, 2020 |
| • Presenters Accept or Reject Decision | June 29, 2020 |
| • Invited Conference Paper Submission Open | July 6, 2020 |
| • Invited Conference Paper Submission Closed | August 3, 2020 |
| • Authors Informed of Conference Paper Decision | September 1, 2020 |
| • Final Conference Paper Due | October 12, 2020 |

The Association of Technology, Management and Applied Engineering (ATMAE) and the International Association of Journals and Conferences (IAJC) invite members to submit proposals for their first ever joint conference scheduled for October 7 - 9, 2020, in Louisville, Kentucky. Please be sure to read through the instructions below before submitting your proposal. There are specific instructions outlined below for authors submitting proposals for ATMAE or for the IAJC programming (see page 5).

All abstract proposals must be submitted using Catalyst, ATMAE's online abstract submission and peer review system.

ATMAE ORAL/POSTER PRESENTATION PROPOSAL SUBMISSION GUIDELINES:

All abstract proposals are selected for oral or poster presentation for ATMAE through a double-blind peer-review process by a review committee consisting of the Division and Focus Groups leadership. The Authors' identities will not be known to the Reviewers, and the Reviewers will withhold their identity from the paper's Author.

There is a three-presentation limit for those listed as the primary presenter. Authors of abstracts accepted for oral presentation will receive an invitation to submit a full conference paper for publishing in ATMAE's Annual Conference proceedings. Authors of posters accepted for presentation are not eligible to submit a full conference paper.

New! ATMAE is encouraging members to submit a proposal for a conference workshop or panel session that is aimed at providing content or training on topics of interest to our members and industry. The proposals will be reviewed by the 2020 Annual Conference Committee for acceptance in the conference. *See Workshop and Panel Proposal Criteria below for more details.*

ATMAE Authors will be prompted to provide the following information into the submission platform.

Abstract Details:

- **Select Organization:** ATMAE
- **Select Presentation Type:** Oral or Poster Presentation
- **Enter Title:** The title should be entered exactly as it should appear in the conference program book.
- **Enter programming track and subtopic:** Programming tracks are *Administration, Construction, Distance Learning, Electricity, Electronics, Computer Technology & Energy Issues (EECT), Graphics, Management, Manufacturing, Micro/Nanotechnology Focus Group, Safety, Teaching Innovations, Women in Technology, Management and Applied Engineering (WITMAE).*
 - *(See Subtopics by Programming Track below)*

Given concerns of maintaining a double-blind process, submitting your proposal will be a simple process of cutting and pasting data into four fields:

- **Need** (a statement on the importance of the presentation)
- **Overview** (a summary of the presentation)
- **Major points** (provided in bullets)
- **Enter the Abstract Proposal:** (The recommended proposal length is 200 to 300 words, with a short, descriptive title.)

Do not include biographical information about any authors in the abstract text, full paper, or cover sheet. Submissions including any information that identifies the author, or authors institution will be automatically disqualified by the review committee.

Presenter Information:

- Presenter(s) information: name, affiliation, city, state, phone, email. ****This information should be completed for EACH person planning to PRESENT at the joint conference. Presentations are limited to a maximum of 1 Primary Presenter and 3 Co-Presenters. The primary presenter is listed first, and the co-presenters should be listed in the same order as required for publishing in the conference program book.**
- Co-Author(s) Information: name, affiliation, email address ****This information should be completed for those that DO NOT plan on attending in a presenter role at the annual conference. Authors should be listed in the same order as required for publishing their accepted paper in the conference proceedings publication.**

Presentation proposals will be reviewed for acceptance based on the following criteria:

Relevance of the proposed presentation topic to the broad range of division/focus group interests represented by the ATMAE membership and the technology, and applied engineering community generally. The division or focus group leaders will review abstracts. In assessing relevance, the review committee may consider usefulness of the presentation to colleagues or students, as well as the pertinence of the proposal to the ATMAE conference's theme.

Expected quality of the presentation, based on stated claims in the proposal, e.g., novel technical concept, or novel application of current technology, or problems in technology, management, and applied engineering, or novel introduction of advanced technical content into undergraduate, graduate or continuing education.

Well-written proposal in terms of language, grammar, and formatting. The abstract limit is a minimum of 200 to a maximum of 300 words, and may include up to 10 keywords, or phrases that closely reflect the content of the presentation. Proposals written with poor grammar, spelling, syntax, language usage, and lack of organization will not be accepted.

- Presentation schedules will be shared in July 2020.
- Poster specifications will be provided upon acceptance.
- A full paper is not required at the time the abstract proposal is submitted. All accepted abstract proposal authors have the option to submit a full paper for peer-review.

ATMAE WORKSHOP AND PANEL PROPOSAL GUIDELINES

Panels can be comprised of short position statements with longer format discussions or structured to engage the audience in a direct discussion from the onset. Proposal should include panel session title, goals, target audience, session format with time requirement, three to six panelists, and one moderator (with short bios), and the panel logistical requirements. It should be noted in the proposal about the organizers' prior experience with organizing any similarly themed panel.

Submit your panel session proposal <https://www.atmae.org/page/ATMAEPanelSessionProposalForm>

Workshops are hands on sessions which are focused on current and future trends in the technology, technology management, and applied engineering industry. The sessions are facilitated by a group of leading experts in the related area. Proposal should include workshop title, theme, organizer and presenters (with short bios), target audience, workshop format with time requirement, learning objectives, session cost and logistical requirements. It should be noted in the proposal about the organizers' prior experience with organizing the workshop.

Submit your workshop proposal <https://www.atmae.org/page/ATMAEWorkshopProposalForm>

ATMAE Programming Track Sub - topics

Administration: Academic administration issues (i.e., program and curricula development, Course objectives, outlining course competencies, Program funding, Grant-writing, recruitment, retention, outreach to industry, external relations & partnerships, accreditation, assessment, etc.) which are not limited to a specific topical area.

Construction: Proposals on a broad range of topics within the Construction & Construction Management area are welcome. Proposals involving technology, nanotechnology, and knowledge management in construction are particularly encouraged.

Distance Learning: Proposals on the following subtopics are particularly encouraged: Best practices in online teaching; strategies for developing online, hybrid and blended delivery formats; Technologies and innovations in distance education; Pedagogical aspects of online instruction; Instructor/student interaction in online classes; Online and distance advising; Workload of online instructors vs. F2F; Professional development in distance education; Assessment and Evaluation methods for distance courses and programs; Proctoring strategies; Managing growth in distance education; Training & support for distance instructors; Support for distance students; Budget and cost-benefit of distance education; Marketing distance courses and programs; Distance learning ethics and copyright; organizational issues in distance education; electronic portfolio in online courses; and learning management systems (LMS) features.

Electricity, Electronics, Computer Technology & Energy Issues: All subtopics within the EECT area are welcome. Proposals on the following subtopics are encouraged: Automation and Control Systems; Computer Applications and Networking; Cyber Security; Health Informatics, Electronic Military and Security Applications; Data Mining and Machine Learning; Robotics and Computer Vision; Simulation and Game Development; Databases and Data Warehouses; Bioinformatics, Software Technology, Optics and Optoelectronics; Embedded Systems, Sensor Networks, Devices and Semiconductors; Electromagnetics and Microwaves; Instrumentation & Measurements; Signal and Image Processing; Cloud Computing, Power Technology and Electronics; Alternative Energies, Technologies, and Energy Conservation.

Graphics: All graphics-based subject matter and technologies, including Computer Aided Design, the Graphic Communications, Technical Illustration, Digital and Graphic Imaging, Digital Photography, Rendering and Animation, Gaming, Multimedia, Web Publishing, Conventional and Digital Printing, 3D Printing and Prototyping, Color Management and Data Management and Variable Data Printing. Proposals on the following subtopics and research are particularly encouraged: Graphic Innovations, Student Mentoring, Grant-writing; Networking, Sustainability, Visual Communications, Connections & Innovations, Packaging, Data, Analytics, Visualization, Info-graphics, Interactivity, Mobile and New Media.

Management: This track includes all industry and/or technology management related issues, including topics in Project Management, Risk Management, Quality Management, Financial Management, Operations Management, People Management, and Self-Management/Ethics. Other subject matter may include Technology Management Body of Knowledge, Technology Management vs. General Management, Manufacturing Industry Management, Service Industry Management, Leadership and Technology Portfolio Management.

Manufacturing: This track includes all manufacturing-based subject matter and technologies. Proposals addressing the topic of Global Manufacturing/US competitiveness, Manufacturing Processes, Manufacturing Systems, Automation and Robotics, Industrial Mechanics, Welding Technology, Agile Manufacturing, Microtechnology and Nanotechnology Issues.

Micro/Nanotechnology: Proposals on the following subtopics are particularly encouraged: Nanotechnology fabrication; nanomaterials; nanomaterial safety; microtechnology; product applications (sensors, biomedical, photovoltaics, flow membranes, etc.), academic program development, and external partnering. Nano-manufacturing, and the growing field of Direct Digital Manufacturing (DDM) Rapid Prototyping Processes such as FDM, Polyjet, or SLS are particularly encouraged.

Safety: All topics within the broad field of occupational safety and health are welcome. Proposals focusing on the following topics and research are especially encouraged: Worker safety in diverse fields; Hazard identification, analysis, and communication; Innovative safety intervention in the classroom or workplace; Workplace security and violence prevention programs; Nanotechnology and microtechnology safety issues.

Teaching Innovations (TI): Implementing new pedagogy, technology, strategy, techniques in the classroom - How and why? What were the results? Proposals on the following subtopics are particularly encouraged: How to address industry needs; Delivering curriculum to meet industry partner needs; Training students for immediate entry to work force; Development of "Soft skills"; How to get industry involved in your class room; Involving industry so they hire your graduates, Adopting new technologies for use in the classroom as well as lab, Overview and presentations of effective use of trainers in a lab setting (what types of equipment are instructors using, which do they feel does the best job, etc.).

WITMAE (Women in Technology, Management and Applied Engineering): The WITMAE paper track will accept papers and presentations related to the challenges and solutions for women and under-represented persons in STEAM disciplines and industry. Topics relating to workplace challenges for under-represented persons or groups, teaching challenges for diverse student populations, recruitment challenges or success strategies for diverse worker and/or students in programs, etc. are highly suitable for this track.

ATMAE Membership Requirements:

- Named "Presenters" on accepted abstract proposals must be a member at the time of the conference.
- Upon submission of a full conference paper, at least 50% of the named full paper authors must be ATMAE members.
- After acceptance of a conference full paper by ATMAE, all named authors must be ATMAE members.
- ATMAE membership is free to all conference attendees. ATMAE will extend membership for one year for presenters, or authors that are current ATMAE members.

Please contact the ATMAE office at (919) 635-8335 or admin@atmae.org with ATMAE proposal or conference logistics questions.

IAJC CONFERENCE PROPOSAL SUBMISSION GUIDELINES

If your abstract is accepted for presentation for IAJC programming at the conference, you will be invited to submit a related full paper, which will be reviewed for journal publication in the IAJC journals (journal details available through our website at www.IAJC.org).

NOTE: A full paper is NOT required for you to attend and present an abstract. However, you must attend and present your work in order for your accepted full paper to be published in a journal after the conference.

Authors will be prompted to provide the following information into the submission platform.

Abstract Details:

- **Select Organization Type:** IAJC
- **Select Presentation Type:** Oral or Poster Presentation.
- **Enter Title:** The title should be entered exactly as it should appear in the conference program book.
- **Select the IAJC Track:** Mechanical, Electrical, Civil, Construction, Aerospace, and Manufacturing Engineering; Technology in higher education, and Information Technology and Computer Science.
- **Enter the Proposal Abstract** (The recommended proposal length is 200 to 300 words, with a short, descriptive title.)

Do not include biographical information about any authors in the abstract text, full paper, or cover sheet. Submissions including any information that identifies the author, or the authors' institution will be automatically disqualified by the review committee.

Presenter Information:

- Presenter(s) information: name, affiliation, city, state, phone, email. ****This information should be completed for EACH person planning to PRESENT for the IAJC programming. Presentations are limited to a maximum of 1 Primary Presenter and 5 Co-Presenters. The primary presenter is listed first, and the co-presenters should be listed in the same order as required for publishing in the conference program book.**
- Co-Author(s) Information: name, affiliation, email address. ****This information should be completed for those that DO NOT plan on attending in a presenter role at the conference. Authors should be listed in the same order as required for publishing in the conference proceedings publication.**

IAJC Membership Requirements:

- Named "Presenters" on accepted abstract proposals must be an IAJC member at the time of the conference. Please note that IAJC membership is free to all conference attendees. IAJC will extend membership for one year for presenters and other authors that are current IAJC members.

Please contact Philip Weinsier at philipw@bgsu.edu with IAJC proposal-related questions.

2020 Joint Conference Presenter Registration Policies:

All named presenters must register by September 14, 2020, and attend the conference. After September 14, 2020, the presenters listed but not registered will be removed from the program. Only presenters are listed in the onsite program book.

At least one named author of the paper must present the underlying presentation at the conference. All presenters must **register and pay all fees** (or submit proof of a Purchase Order from your school) by **September 14, 2020**. The "Bill Me" option does **NOT** meet this requirement.

Registrations cancelled on or before Tuesday, September 15, 2020, will be refunded all fees minus a \$50 processing fee; Registrations cancelled after Tuesday, September 15, 2020, will not be refunded.